| | Claims | |
|------|--------|--|
| | | |

| Application No. | Applicant(s) |
|-----------------|---------------|
| 09/521,827 | BREWER ET AL. |
| Examiner | Art Unit |
| Mitra Kianersi | 2145 |

| √ | Rejected |
|----------|----------|
| = | Allowed |

| 1 | (Through numeral) Cancelled |
|---|--------------------------------|
| + | Restricted |

| | N | Non-Elected |
|---|---|--------------|
| ! | ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| Claim | | | | | | | , | | | - 7:. | :.: ſ | | | | | | | | | :.:.:(| | | | | | _ | |
|---|----------|-------------|----------------|--|----------------|-----------------|--------------|----------|----------|--------------|--------------|----------|----------|-----------------|-------------------------|-----------|--------------|--|-------------|--------|-------------|----------|-----------------|----------|----------|----------|----------|
| E | Cla | aim | | | | Jate | } | | | _: | | Cla | aim I | | | <u>Da</u> | te | <u> </u> | | | Cla | aım | | | | ᆛ | ate |
| 1 | Final | Original | 101 | | | | | | | | | Final | Original | | | | | | | | Final | Original | | | | | |
| 102 | | 1 | | | 1 | | | _ | | - | | | 51 | | ╁╌╁ | + | + | | | | | 101 | | \dashv | | + | \dashv |
| 103 | | | , , | | | | | \neg | | - | | | | | | | 1 | | | | | | | T | | \neg | \top |
| 6 6 6 6 105 106 106 106 106 107 107 107 107 107 108 108 108 108 109 | | | 1 | | | | | | | | | | | | \prod | | | | | | | 103 | | | | | |
| | | 4 | V | | | | | | | | | | 54 | | | | | | | | | | | | | | |
| 107 | | | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| S | | 6 | / | | | | | | | _ :: | | | | | | | \perp | | | | | | | | | | |
| 9 10 110 110 110 111 12 111 12 112 113 12 114 14 14 14 14 14 | | | 1 | | | Ш | | _ | _ | _ | | | | | 1 | | \bot | | 1 | | | | | | _ | \dashv | 4 |
| 10 | - | | + | | | | _ | | _ | _ | | | | | + | | - | | \sqcup | | | | | _ | 4 | 4 | + |
| 11 | | | _ | | | | | | | _ | | | | | | - | | | \vdash | | | | | _ | | _ | + |
| 12 | | | 1 1 | | - | | | | _ | | | | | | ┼┼ | | +- | \vdash | +- | | | | 1 | | ne gr | | 705 |
| 13 | | | _ | 2 1 1 | 100 | | | | | - | | | | \vdash | | | + | \vdash | +- | | | | | + | + | + | + |
| 14 | - | | | | + | $\vdash \vdash$ | \dashv | \dashv | + | - | | | | | + + | + | + | | ╁╌┤ | | | | \vdash | + | \dashv | \dashv | + |
| 15 | _ | | \vdash | - | + | \vdash | - | \dashv | + | \dashv : | | | | | ++ | + | + | | + | | | | | \dashv | \dashv | \dashv | + |
| 16 | - | | + + | | + | \vdash | | + | + | \dashv | | | | | ++ | + | \top | - | ${\dagger}$ | | | | $\vdash \vdash$ | \dashv | \dashv | \dashv | + |
| 17 | | | 1 | | 300 | To | 5-51 | | | | | | | | 1 1 | _ | \top | | \Box | | | | | 一 | | + | 十 |
| 18 | | | 1 | , | 1 | | | | + | | | | | | 1 | | | | П | | | | | | | 寸 | \top |
| 19 | | | 1 1 | <u>, </u> | | | - 1 | | 1 | 7: | | | | | 11 | | | | 11 | | | | | | | \neg | T |
| 1 | | | | | | | | | | | | | | | | | | | | | | 119 | | | | | |
| 22 3 122 123 123 124 123 123 124 124 124 124 124 124 124 124 124 124 124 124 124 125 125 125 125 126 125 126 126 127 127 127 127 128 128 128 128 128 128 129 129 129 129 129 130 130 130 130 130 130 130 130 131< | | 20 | 0 | | | | | | | | | | 70 | | | | | | | | | | | | | | |
| 23 73 123 124 124 124 125 125 125 125 125 125 125 125 125 125 125 125 125 126 126 127 126 127 128 127 128 128 128 128 128 128 128 129 129 129 129 129 129 130 130 130 130 130 130 131 131 131 131 131 131 131 131 131 131 131 131 132 132 132 133 133 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 135 135 135 135 135 136 137 137 137 137 137 137 137 138 138 138 138 138 138 139 140 141 141 141 142 142 | 1 | 21 | | g | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 24 74 124 125 125 125 125 125 125 126 126 126 127 127 127 127 127 127 128 128 128 128 129 129 129 129 130 130 130 131 131 131 131 132 132 132 132 133 134 144 144 144 144 144 144 144 144 144 144 144 144 144 144 145 145 145 145 | | 22 | 0 | | | | | | | | | | | | | | | | Ш | | | | | | | | |
| 25 30 125 126 126 126 126 126 127 127 127 127 127 128 128 128 128 128 129 129 129 129 129 129 130 129 130 130 130 130 131 131 131 131 131 131 131 131 132 132 132 132 132 133 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 | | · | <u></u> | | \perp | | | _ | | _ : | | | | | $\downarrow \downarrow$ | | \perp | | Ш | | | | | | | | _ |
| 26 76 126 127 128 127 128 128 128 128 128 128 128 129 129 129 129 129 129 129 129 130 130 130 130 131 131 131 131 131 131 132 132 132 132 132 132 133 134 134 134 134 134 134 134 134 134 135 135 135 135 135 136 136 136 136 137 137 137 137 137 137 138 138 138 138 139 140 140 | <u> </u> | | 0 | | | | | _ | _ | _ : | | | | | ++ | _ | _ | | \sqcup | | | | | | \dashv | 4 | 4 |
| 27 127 128 128 128 128 128 128 128 128 128 128 129 129 129 129 130 130 130 131 131 131 131 131 131 131 131 131 131 132 132 132 132 132 133 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 134 135 135 135 135 135 135 135 135 135 136 136 136 136 136 136 136 137 137 137 137 138 138 138 138 138 138 138 139 139 139 140 140 141 141 141 142 142 142 142 142 143 143 143 143 143 144 | L | | | | | | | | - | _ : | | | | | + | _ | + | | + | | | | | | | | + |
| 28 78 128 128 129 129 129 129 129 129 129 130 130 130 130 131 131 131 131 131 131 132 132 132 132 132 133 | | | \Box | | | | | | - | _ | | | | | ╀ | - | + | | + | | | | | | + | | + |
| 29 129 129 130 130 130 130 130 131 131 131 131 131 131 131 131 131 131 131 131 132 132 133 133 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 134 135 135 135 135 136 136 136 136 137 137 137 137 137 137 137 137 137 138 138 138 138 138 138 138 139 140 140 140 141 141 141 141 141 142 142 142 144 145 145 145 14 | | | | | | | | - | + | | | | | | ╅┼ | | + | | + | | _ | | - | | + | + | + |
| 30 | | | | - | +- | - | | \dashv | + | | | | 1 | | + | | | | + | | | | | | + | + | + |
| 31 32 33 34 35 36 36 37 38 37 38 39 <td< td=""><td></td><td></td><td>\vdash</td><td>-</td><td>+</td><td></td><td></td><td>\dashv</td><td>+</td><td>- ::</td><td></td><td><u> </u></td><td></td><td></td><td>╅</td><td>_</td><td></td><td></td><td>\vdash</td><td></td><td></td><td></td><td></td><td></td><td>+</td><td>1</td><td>+</td></td<> | | | \vdash | - | + | | | \dashv | + | - :: | | <u> </u> | | | ╅ | _ | | | \vdash | | | | | | + | 1 | + |
| 32 33 34 35 36 37 36 37 38 37 38 39 <td< td=""><td></td><td></td><td>Ind</td><td></td><td></td><td>Fal</td><td>22</td><td></td><td></td><td>\dashv</td><td></td><td></td><td></td><td></td><td>1 1</td><td>1</td><td></td><td></td><td>\vdash</td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td>+</td></td<> | | | Ind | | | Fal | 22 | | | \dashv | | | | | 1 1 | 1 | | | \vdash | | _ | | | | | | + |
| 33 83 133 134 134 134 134 134 135 135 135 136 136 136 136 137 137 137 137 137 138 138 138 139 139 139 139 140 141 141 141 141 141 142 142 142 143 143 143 144 144 144 145 146 146 147 148 148 149 1 | | | \Box | | | | | | + | - :: | | | | | \top | | 1 | | П | | | | | | | | 十 |
| 34 | | | | | 1 | | | | | 1 | | | | | 1 | | | | П | | | | | | | 寸 | 十 |
| 36 | | | | | | | | | | 7 | | | | | | | | | | | | | | | | | |
| 37 87 | | 35 | | | | | | | | | | | | | | | | | | | | | | | | \Box | |
| 38 | | | | | | | | Ţ | | | | | | | | | \perp | | Ш | | | | | | | | |
| 39 39 39 39 39 39 39 39 39 39 39 39 39 39 30 <td< td=""><td></td><td></td><td>\sqcup</td><td>\perp</td><td></td><td></td><td></td><td>_</td><td>\perp</td><td>_ :</td><td></td><td></td><td></td><td></td><td>\sqcup</td><td>\bot</td><td>+</td><td></td><td>Щ</td><td></td><td></td><td></td><td><u> </u></td><td></td><td>\perp</td><td>\perp</td><td>\bot</td></td<> | | | \sqcup | \perp | | | | _ | \perp | _ : | | | | | \sqcup | \bot | + | | Щ | | | | <u> </u> | | \perp | \perp | \bot |
| 40 90 90 140 140 141 141 141 141 141 141 141 141 141 141 141 142 142 142 142 142 143 143 143 143 143 143 144 144 144 144 144 144 144 144 144 145 145 146 146 147 147 147 148 148 148 149< | <u></u> | | \square | \perp | | | | _ | | _ : | | | | $\vdash \vdash$ | + | | - | | \sqcup | | | | | | \dashv | \dashv | + |
| 41 91 91 141 142 142 142 142 142 142 142 143 143 143 143 143 143 144 144 144 144 144 144 144 145 145 145 146 146 146 147 147 147 147 148 148 148 149< | | | \square | \perp | 4 | | | \dashv | + | _ | | | 1 | | ++ | + | - | | \perp | | | | <u> </u> | | \dashv | \dashv | + |
| 42 92 142 142 143 143 143 143 143 143 143 143 144 | - | | 1 1 1 | 7 1 10 7 1 | - | | | | - | - | | | | | | - 8 - | 3 (11) | 1.742 | | | | | - | 5 13 | | | - |
| 43 143 143 144 144 144 144 144 144 144 144 144 144 145 145 145 145 145 145 146 146 146 146 147 147 147 147 147 148 148 148 149 14 | | | | - | - | | | - | + | - | | | | | + + | - | + | | + | | | | | \vdash | + | + | + |
| 44 94 144 144 145 45 95 145 145 145 46 96 146 146 147 47 97 147 147 148 48 98 148 148 149 | | | \vdash | + | + | - | | \dashv | + | | | | | | ++ | + | + | | + | | - | | - | | | \dashv | \dashv |
| 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149 | | | | \dashv | + | Н | | \vdash | \dashv | \dashv | | | | \vdash | + | + | + | - | + | | | | <u> </u> | \vdash | \dashv | \dashv | + |
| 46 96 47 97 48 98 49 99 | | | H | + | + | H | | \dashv | \dashv | \dashv | | | | | | \dashv | + | | +- | | <u> </u> | | | \vdash | \dashv | \dashv | + |
| 47 97 48 98 49 | | | \Box | | \top | | | | \dashv | \exists | | | | | + + | \dashv | \top | | + | | | | | | \dashv | \dashv | + |
| 48 98 49 148 | | | П | | 1 | | | | \dashv | | | | | | 1 1 | | 1 | | \top | | | | | | | 寸 | \top |
| 49 99 99 149 149 | | | | | | | | | | | | | | | | | | | | | | | | | | | 丁 |
| 50 100 100 150 150 | | 49 | | | | | | | | | | | 99 | | | | | | | | | 149 | | | | | |
| <u> </u> | | 50 | | | | | | | | | | | 100 | | | | | | | | | 150 | | | | | |